

**IOWA OPERATING PERMIT APPLICATION – PART 1**  
**Form 1.1 PLANT LOCATION & LAYOUT DIAGRAM**

1) Company/Facility Name		2) EIQ No.	
<b>3) Plant Location UTM Coordinates</b>			
UTM Zone	Horizontal (meters)	Vertical (meters)	
4) Plant Layout Diagram. Attach a Scale Diagram of Facility. See instructions and example below.			
<p><b>PROVIDE A SCALED DIAGRAM OF THE ENTIRE FACILITY.</b></p> <p>AutoCAD drawings – submitted on Disk are preferred. See instructions for specifications.          Sketches are acceptable.          Aerial photographs are NOT acceptable.</p> <p><b>INCLUDE ALL OF THE FOLLOWING:</b></p> <p><b>BUILDINGS:</b></p> <ul style="list-style-type: none"> <li>- Location of all buildings at the source. Adjacent streets and properties.              Indicate all storage tanks and sheds.</li> <li>- Height of buildings. Use dashed lines to indicate orientation of roof peak. Include roof peak and roof base heights.              For flat roof indicate roof height. If roof has a complex topography indicate all heights.</li> </ul> <p><b>STACKS, VENTS AND OTHER EMISSION POINTS:</b></p> <ul style="list-style-type: none"> <li>- NUMBER ALL EMISSION POINTS WITH NUMBERS AND/OR LETTERS.              *** THESE NUMBERS MUST REMAIN CONSISTENT THROUGHOUT THE APPLICATION AND PERMIT.</li> <li>- Unpaved Haul Roads owned or leased for material transport.</li> <li>- Storage Piles and all uncontrolled emission sites.</li> <li>- Stack and Vent size need not be to scale. Dimensions reported on Form 2.0.</li> </ul> <p><b>FACILITY BOUNDARY:</b></p> <ul style="list-style-type: none"> <li>- Indicate any fences.</li> </ul> <p><b>FACILITY UTM "LOCATOR POINT:"</b></p> <ul style="list-style-type: none"> <li>- Indicate the location of the point used for establishing UTM Coordinates in item 3 of this form.</li> <li>- Note: The UTM locator will be used to establish the relative location of all emission points at the facility.</li> </ul> <p><b>MAP KEY</b></p> <ul style="list-style-type: none"> <li>- Clearly identify: Map BAR Scale, Compass Direction, all symbols used in the Diagram.</li> </ul>			

**FORM 1.1**  
**FACILITY NAME:** Priority Projects  
**EIQ Number:** 92-9999  
**DIAGRAM KEY:**

Scale: 1in = 60ft

0
1
2

N

Source UTM:

Locator Point:

EP: Emission Point

**SAMPLE PLANT LAYOUT DIAGRAM**

The diagram shows a rectangular facility layout. At the top, a horizontal line represents '6th Avenue'. Below it is a 'Fire Station' with a 'Roof: 30ft'. A thick horizontal line represents 'HWY 30'. To the right of the facility is an 'Unpaved haul road' (EP 7). Inside the facility, from left to right: 'Bldg. 1 (SIC 3272) Flat Roof: 30ft' with two emission points (EP 1, EP 2); 'EP 8 Gasoline Tank'; 'Customer and employee parking'; 'Bldg 3 (Sales)' with 'Roof peak: 25ft' and 'Roof edge: 10ft'; 'Bldg. 2 (SIC 3272) Flat Roof: 30ft' with three emission points (EP 3, EP 4, EP 5); and 'EP 6 Materials storage pile'. At the bottom center is 'EP 9 Wall Vent'. A dashed line indicates the 'Facility Property Boundary (fenced on south boundary only)'. The bottom of the diagram is labeled 'Agricultural Land – no dwellings or businesses to west, south and east'.

Duplicate this form as needed

TYPE ALL INFORMATION

(DNR Form 542-1478, August 1, 2001)